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|  |   |    |    | Application Number       | 10/753,205            |
|  |   |    |    | Filing Date              | January 6, 2004       |
|  |   |    |    | First Named Inventor     | Daniel John DiLorenzo |
|  |   |    |    | Art Unit                 | 3762                  |
|  |   |    |    | Examiner Name            | Scott M. Getzow       |
| Sheet  | 1 | Of | 38 | Attorney Docket Number   | 31685-704.503         |

| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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| Examiner Signature    | S.O.                  |   | Date Considered                | 10/19/06   |   |

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|                    |       |                 |          |
|--------------------|-------|-----------------|----------|
| Examiner Signature | S. B. | Date Considered | 10/19/06 |
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|  |   |    |    | Filing Date              | January 6, 2004       |
|  |   |    |    | First Named Inventor     | Daniel John DiLorenzo |
|  |   |    |    | Art Unit                 | 3762                  |
|  |   |    |    | Examiner Name            | Scott M. Getzow       |
| Sheet  | 6 | Of | 38 | Attorney Docket Number   | 31685-704.503         |

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|  |   |    | Art Unit                 | 3762                   |               |
|  |   |    | Examiner Name            | Scott M. Getzow        |               |
| Sheet  | 7 | Of | 38                       | Attorney Docket Number | 31685-704.503 |

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| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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| Examiner Signature | S-G | Date Considered | 10/19/06 |
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|  |    |    |    | Filing Date              | January 6, 2004       |
|  |    |    |    | First Named Inventor     | Daniel John DiLorenzo |
|  |    |    |    | Art Unit                 | 3762                  |
|  |    |    |    | Examiner Name            | Scott M. Getzow       |
| Sheet  | 11 | Of | 38 | Attorney Docket Number   | 31685-704.503         |

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|  |    |    |    | Application Number       | 10/753,205            |
|  |    |    |    | Filing Date              | January 6, 2004       |
|  |    |    |    | First Named Inventor     | Daniel John DiLorenzo |
|  |    |    |    | Art Unit                 | 3762                  |
|  |    |    |    | Examiner Name            | Scott M. Getzow       |
| Sheet  | 15 | Of | 38 | Attorney Docket Number   | 31685-704.503         |

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|  |    |    |    | Art Unit                 | 3762                  |               |
|  |    |    |    | Examiner Name            | Scott M. Getzow       |               |
| Sheet  | 17 | Of | 38 | Attorney Docket Number   |                       | 31685-704.503 |

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| Examiner Signature       | S-G.                  |  |                                | Date Considered                                    | 10/19/06  |                |

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| Sheet  | 19 | Of | 38 | Attorney Docket Number   |                       | 31685-704.503 |

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|--------------------------|-----------------------|---|-----------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>5</sup> |
| SG                       | 446.                  | WO 04/036377A2  | 04-29-2004                  | Medtronic Inc.                                  |   |                |
|                          | 447.                  | WO 04/037342A1  | 05-06-2004                  | Luders, Jurgen                                  |   |                |
|                          | 448.                  | WO 04/043536A1  | 05-27-2004                  | NeuroPace, Inc.                                 |   |                |
|                          | 449.                  | WO 04/091718A1  | 10-28-2004                  | Luders, Jurgen                                  |   |                |
|                          | 450.                  | WO 05/007236A2  | 01-27-2005                  | Advanced Neuromodulation Systems, Inc.          |   |                |
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|                          | 452.                  | WO 05/028028A1  | 03-31-2005                  | Medtronic Inc.                                  |   |                |
|                          | 453.                  | WO 05/031630A2  | 04-07-2005                  | UT-Battelle, LLC                                |   |                |
|                          | 454.                  | WO 05/051167A1  | 06-09-2005                  | Cyberkinetics, Inc.                             |   |                |
|                          | 455.                  | WO 05/051306A2  | 06-09-2005                  | Dilorenzo                                       |   |                |
|                          | 456.                  | WO 05/117693A1  | 12-15-2005                  | Children's Medical Center Corporation           |   |                |
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|                          | 469.                  | WO 99/56821A1   | 11-11-1999                  | Rise, Mark                                      |   |                |

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| Examiner Signature | SG | Date Considered | 10/19/06 |
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|  |    |    |    | Application Number       | 10/753,205            |               |
|  |    |    |    | Filing Date              | January 6, 2004       |               |
|  |    |    |    | First Named Inventor     | Daniel John DiLorenzo |               |
|  |    |    |    | Art Unit                 | 3762                  |               |
|  |    |    |    | Examiner Name            | Scott M. Getzow       |               |
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| SG                       | 470.                  | WO 99/56822A1  | 11-11-1999                     | Adkins, Alan                                       |   |                |
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|  |    |    |    | Art Unit                 | 3762                  |               |
|  |    |    |    | Examiner Name            | Scott M. Getzow       |               |
| Sheet  | 21 | Of | 38 | Attorney Docket Number   |                       | 31685-704.503 |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
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| SB                              | 472.                  | ADJOUADI, et al. A new mathematical approach based on orthogonal operators for the detection of interictal spikes in epileptogenic data. <i>Biomed. Sci. Instrum.</i> 2004; 40: 175-80.   |                |
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|  |    |    | Filing Date              | January 6, 2004        |               |
|  |    |    | First Named Inventor     | Daniel John DiLorenzo  |               |
|  |    |    | Art Unit                 | 3762                   |               |
|  |    |    | Examiner Name            | Scott M. Getzow        |               |
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|  |    |    |    | First Named Inventor     | Daniel John DiLorenzo |
|  |    |    |    | Art Unit                 | 3762                  |
|  |    |    |    | Examiner Name            | Scott M. Getzow       |
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|  |    |    |    | Art Unit                 | 3762                  |
|  |    |    |    | Examiner Name            | Scott M. Getzow       |
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|   |    |    |    | Examiner Name            | Scott M. Getzow       |
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|  |    |    |    | Filing Date              | January 6, 2004       |
|  |    |    |    | First Named Inventor     | Daniel John DiLorenzo |
|  |    |    |    | Art Unit                 | 3762                  |
|  |    |    |    | Examiner Name            | Scott M. Getzow       |
| Sheet  | 35 | Of | 38 | Attorney Docket Number   | 31685-704.503         |

| NON PATENT LITERATURE DOCUMENTS |                       |   |  |                |
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| S6                              | 656.                     | Daniel John DiLorenzo, U.S. Patent Application No. 10/858,899, entitled "Closed-loop feedback-driven neuromodulation," filed June 1, 2004 (WSGR Reference No. 31685-704.505)  |                |
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